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SECRET

PRIORITY

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1967 JUN 20 CO 15Z

P 192253Z JUN 67

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TO AIG NINE SEVEN FIVE

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S E C R E T CITE NPIC 1002

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-963, 15 JUN 67.

((NOTE: TEXT THAT FOLLOWS IDENTICAL WITH THAT OF PRELIMINARY ANALYSIS OF GLASS LAMP MISSION G-963, 15 JUN 67))

S E C R E T

END OF MESSAGE

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-963, 15 JUN 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C @CLEAR¤, SC @SCATTERED CLOUD COVER¤, HC @HEAVY CLOUD COVER¤, H @HAZE¤, CS @CLOUD SHADOW¤, SD @SEMIDARKNESS¤, GC @GROUND COVER¤, CF @CAMOUFLAGE¤, O @OBLIQUITY¤, AND GR @GROUND RESOLUTION¤.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD¤, F @FAIR¤, OR P @POOR¤. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL¤ OR PT @PARTIAL¤. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO¤, NS @NONSTEREO¤, OR PS @PARTIAL STEREO¤.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT @21-75 MM¤, MEDIUM @76-100 MM¤, HEAVY @OVER 100 MM¤, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4¤. IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED¤.

ITEMS OF SPECIAL INTEREST

A NEW SA-2 SITE IS OBSERVED UNDER CONSTRUCTION 1.8 NM SE OF SANTIAGO DE CUBA SAM SITE A23-2.

THE LAUNCH POSITIONS AND CENTRAL GUIDANCE AREA ARE VACATED AT HOLGUIN AIRFIELD SAM SITE, [redacted] 25X1

A NEW RADAR SITE CONTAINING 1 TOKEN-TYPE RADAR IS OBSERVED 3.3 NM SW OF HOLGUIN AIRFIELD.

MISSILES

HOLGUIN SAM SITE B27-2 CU 2052N 07627W
SITE APPEARS OCCUPIED. HAZE AND OBLIQUITY PRECLUDE FURTHER INTERPRETATION.

[redacted] 25X1

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W
LAUNCH POSITIONS AND CENTRAL GUIDANCE AREA ARE VACATED.
OB -- 9 CARGO TRUCKS.

[redacted] 25X1

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W
SITE APPEARS OCCUPIED. GROUND RESOLUTION LIMITS INTERPRETATION.

[redacted] 25X1

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553E
OB -- 4 MISSILE TRANSPORTERS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W
SITE APPEARS OCCUPIED.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W
OB -- NUMEROUS MISSILE CANNISTERS, 1 CARGO TRUCK, 3 VAN TRUCKS, 5 PROBABLE MISSILE CANISTER TRANSPORTERS, AND 15 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W
OB -- 6 EMPLACED LAUNCHERS @AT LEAST 3 WITH MISSILES¤, AND A FAN SONG RADAR WITH 7 ASSOCIATED VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

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SITE APPE

25X1

SANTIAGO DE CUBA SAM SITE 2 CU 1958N 07549W
1.8 NM SE OF SANTIAGO DE CUBA SAM SITE A23-2 @COMOR

25X1

AT 19-58-45N 075-49-22W @UTM 18QVT139093¤.
SIX LAUNCH POSITIONS AND A CENTRAL GUIDANCE AREA ARE UNDER CONSTRUCTION.
@MAP REF -- AMS SERIES E723, SHEET 5075-IV, 3D ED.¤

25X1

AIR FACILITIES

HOLGUIN AIRFIELD CU 2047N 07618W
OB -- 5 FISHBED, 14 FAGOT/FRESCO, 2 COKE, 2 CRATE, AND 1 HOUND.
ACTIVITY -- CONSTRUCTION OF 16 AIRCRAFT REVETMENTS CONTINUES AND A NEW TAXIWAY IS NOW UNDER CONSTRUCTION THROUGH THE CENTER OF THE VACATED HOLGUIN AIRFIELD SAM SITE.

25X1

LOS CANOS AIRFIELD CU 2005N 07509W
OB -- NONE OBSERVED.

25X1

ANTONIO MACEO AIRFIELD CU 1958N 07550W
OB -- 1 BRITTANIA, 1 PROBABLE COKE, 2 C-47, AND 2 HOUND.

25X1

CORONEL PASCUAL AIRFIELD CU 2307N 08117W
OB -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W
VESSELS -- 11 FREIGHTERS.

25X1

CARDENAS PORT CU 2302N 08111W
VESSELS -- 2 FREIGHTERS OBSERVED IN CLOUD-FREE AREAS.

25X1

MATANZAS PORT CU 2302N 08134W
VESSELS -- 2 FREIGHTERS.

25X1

ELECTRONICS/COMMUNICATIONS

HOLGUIN EW/GCI RADAR SITE CU 2048N 07618W
OB -- 1 PROBABLE TOKEN-TYPE RADAR AND 3 VAN TRAILERS.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE CUBA EW/GCI RADAR SITE 2 CU 2005N 07551W
OB -- 1 TOKEN-TYPE RADAR.
ACTIVITY -- 1 CARGO TRUCK.

25X1

PUNTA MAISI LOW SIEVE RADAR SITE CU 2014N 07409W
OB -- 1 PROBABLE LOW SIEVE RADAR.

25X1

HOLGUIN AIRFIELD RADAR SITE SW CU 2045N 07621W
3.3 NM SW OF HOLGUIN AIRFIELD AT 20-45-02N 076-21-20W.
OB -- 1 TOKEN-TYPE RADAR AND 13 VEHICLES.
FACILITIES INCLUDE 3 PROBABLE SUPPORT BUILDINGS AT UTM 18QUT589950.
@MAP REF -- AMS SERIES E723, SHEET 4978-III, 1ST ED.¤

25X1

MILITARY ACTIVITY

DOS CAMINOS MILITARY CAMP CU 2014N 07547W
OB -- APPROXIMATELY 100 VEHICLES/PIECES OF EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1

GUANTANAMO AREA CU 2018N 07525W
NO NEW MI

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AREA 1 -
AREAS 2, 4, 5, 6, 9 -- 20 PERCENT USEABLE COVERAGE.
AREA 3 -- 30 PERCENT USEABLE COVERAGE.
AREA 7 -- 90 PERCENT USEABLE COVERAGE.
AREA 8 -- 80 PERCENT USEABLE COVERAGE.

[redacted] 25X1

HOLGUIN MILITARY CAMP CU 2053N 07613W
MAIN CAMP OB -- AT LEAST 60 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT. OBLIQUITY LIMITS INTERPRETATION.
CAMP 2.2 NM SE OB -- 5 FA PIECES, 14 CARGO TRUCKS, AND 12 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

HOLGUIN MILITARY CAMP NW CU 2057N 07616W
OB -- 15 VEHICLES/PIECES OF EQUIPMENT. OBLIQUITY LIMITS INTERPRETATION.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

CUABITAS MILITARY CAMP CU 2003N 07548W
OB -- 16 PROBABLE TANKS/SP GUNS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

EL CRISTO MILITARY INSTALLATION CU 2010N 07547W
OB -- 22 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

LA QUINTA MILITARY CAMP CU 2002N 07551W
OB -- 16 PROBABLE CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SANTIAGO DE CUBA MILITARY CAMP NW CU 2003N 07554W
OB -- 40 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SANTIAGO DE CUBA MILITARY CAMP CU 2003N 07553W
OB -- APPROXIMATELY 150 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 2001N 07547W
OB -- 16 FA PIECES, 6 AAA PIECES, 25 MORTARS, 12 CARGO TRUCKS, AND 1 UTILITY TRUCK.
ACTIVITY -- 1 OCCUPIED 3-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SIBONEY LANDING BEACH CU 1957N 07542W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

PLAYA YATERITAS LANDING BEACH CU 1958N 07457W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

MATANZAS LANDING BEACH CU 2301N 08126W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

MAR VERDE LANDING BEACH CU 1957N 07556W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

NICARO LANDING BEACH CU 2042N 07533W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

IMIAS LANDING BEACH CU 2005N 07440W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

MOA @PUNTA GORDA@ LANDING BEACH CU 2039N 07453W
NO NEW MI

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25X1

PENINSULA DE HICACOS LANDING BEACH CU 2311N 08130W
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

SANTA ANA PROBABLE MILITARY CAMP CU 2048N 07612W
0.5 NM SE OF SANTA ANA AT 20-48-10N 076-12-50W.
CAMP 1.4 NM NE -- AREA CONTAINS 7 PROBABLE BARRACKS, 1 PROBABLE I-SHAPED ADMINISTRATION BUILDING, 5 VEHICLE MAINTENANCE/STORAGE SHEDS, AND 4 OTHER BUILDINGS AT UTM 18QUU741020.
CAMP 0.5 NM SE -- AREA CONTAINS 7 PROBABLE BARRACKS, 1 I-SHAPED PROBABLE ADMINISTRATION BUILDING, 4 VEHICLE MAINTENANCE/STORAGE SHEDS @2 UNDER CONSTRUCTION¤, 4 OTHER BUILDINGS, AND 3 NON-SOVIET TYPE TENTS @2 LARGE AND 1 SMALL¤ AT 18QUT730990.
@MAP REF -- AMS SERIES E723, SHEET 4978-II, 1ST ED.¤

25X1

JESUS MARIA PROBABLE MILITARY BARRACKS CU 2156N 07615W
3.4 NM NORTH OF HOLGUIN AT 21-56-40N 074-15-45W @UTM 18QUU688165¤.
NEW PROBABLE MILITARY BARRACKS AREA CONTAINS 17 PROBABLE BARRACKS, 1 I-SHAPED PROBABLE ADMINISTRATION BUILDING, AND 6 OTHER BUILDINGS.
@MAP REF -- AMS SERIES E723, SHEET 4978-IV, 1ST ED.¤

25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

SANTIAGO SAM TRAINING AREA	1958N 07551W
SANTIAGO DE CUBA EW/GCI RADAR SITE	1959N 07551W
LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
ALTO CEDRO MILITARY CAMP	2029N 07600W
OFELIA MILITARY CAMP	2006N 07530W

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